

# INTERNATIONAL SEARCH REPORT

Int. mail Application No  
PCT/US 95/11173

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 H04N5/445 H04N7/087

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages           | Relevant to claim No.    |
|------------|--|--------------------------|
| X          | EP,A,0 444 496 (HITACHI LTD) 4 September 1991  | 14                       |
| Y          | see page 2, line 40 - line 52  | 1,2,5-8, 11,12           |
|            | see page 5, line 6 - page 6, line 7;<br>figures 1,2  |                          |
|            | ---  |                          |
| Y          | GB,A,2 217 144 (TOKYO SHIBAURA ELECTRIC CO<br>;TOSHIBA AUDIO VIDEO ENG (JP)) 18 October 1989 | 1,2,5-8, 11,12, 14-16,18 |
|            | see abstract   |                          |
|            | see page 2, line 22 - page 4, line 11;<br>figure 1   |                          |
|            | see page 11, line 12 - page 12, line 1;<br>figure 3  |                          |
|            | ---  |                          |
|            | -/-  |                          |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- '&' document member of the same patent family

Date of the actual completion of the international search

22 November 1995

Date of mailing of the international search report

14.12.95

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentkan 2  
NL - 2280 HV Rijswijk  
Tel. (+ 31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+ 31-70) 340-3016

Authorized officer

Fuchs, P

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 95/11173

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No           |
|------------|--|--------------------------------|
| Y          | CABLE TV SESSIONS, MONTREUX, JUNE 10 - 15, 1993,<br>no. SYMP. 18, 11 June 1993<br>POSTES; TELEPHONES ET TELEGRAPHES SUISSES,<br>pages 571-586, XP 000379382<br>BRUGLIERA V 'DIGITAL ON-SCREEN DISPLAY A<br>NEW TECHNOLOGY FOR THE CONSUMER INTERFACE'<br>see page 578, line 20 - page 586, line 48;<br>figure 6<br>--- | 1,2,5-8,<br>11,12,<br>14-16,18 |
| A          | EP,A,0 497 235 (EDICO SRL) 5 August 1992<br>see abstract<br>see column 5, line 17 - line 21; figure 4<br>---   | 1,2,14                         |
| A          | EP,A,0 488 379 (MATSUSHITA ELECTRIC IND CO<br>LTD) 3 June 1992<br>see abstract<br>see column 3, line 23 - column 4, line 16<br>see column 7, line 26 - line 58; figure 3A<br>---   | 1,2,14                         |
| A          | RUNDFUNKTECHNISCHE MITTEILUNGEN,<br>vol. 30, no. 1, January 1986 - February<br>1986, NORDERSTEDT (DE),<br>pages 1-8,<br>KARL-UULRICH OBERLIES ET AL. 'VPS-ANZEIGE<br>UND UBERWACHUNGSGERAT'<br>see the whole document<br>---   | 1,2,14                         |
| A          | EP,A,0 447 968 (RCA LICENSING CORP) 25<br>September 1991<br>see abstract<br>see column 5, line 4 - line 26; figures<br>5A,5B<br>-----  | 1,2,5-8,<br>10,13-18           |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Int: mai Application No

PCT/US 95/11173

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s)                        | Publication<br>date              |
|---|---------------------|---|----------------------------------|
| EP-A-0444496                              | 04-09-91            | JP-A- 3253189<br>DE-D- 69102718<br>DE-T- 69102718 | 12-11-91<br>11-08-94<br>24-11-94 |
| GB-A-2217144                              | 18-10-89            | JP-A- 1246978<br>DE-A, C 3910052<br>US-A- 5109279 | 02-10-89<br>12-10-89<br>28-04-92 |
| EP-A-0497235                              | 05-08-92            | NONE  |                                  |
| EP-A-0488379                              | 03-06-92            | JP-A- 4200082<br>US-A- 5390027<br>US-A- 5260788   | 21-07-92<br>14-02-95<br>09-11-93 |
| EP-A-0447968                              | 25-09-91            | US-A- 5343300                                     | 30-08-94                         |